

Nebraska Information Technology Commission

Project Proposal Form

**Funding Requests
For Information Technology Projects**

Information Technology Infrastructure Fund

FY2002-03

Project Title	Statewide Public Safety Wireless System Project
Agency/Entity	CIO on behalf of the Statewide Communications Alliance of Nebraska (SCAN)

**Project Proposal Form
FY2003-05 Biennium**

About this form...

The Nebraska Information Technology Commission (“NITC”) is required by statute to “make recommendations on technology investments to the Governor and the Legislature, including a prioritized list of projects, reviewed by the technical panel, for which new or additional funding is requested.” In order to perform this review, the NITC and DAS-Budget Division require agencies/entities to complete this form when requesting new or additional funding for technology projects. For more information, see the document entitled “Guidance on Information Technology Related Budget Requests” available at <http://www.nitc.state.ne.us/forms/>.

Electronic versions of this form are available at <http://www.nitc.state.ne.us/forms/>.

For questions or comments about this form, contact the Office of the CIO/NITC at:

Mail: Office of the CIO/NITC
521 S 14th Street, Suite 200
Lincoln, NE 68508
Phone: (402) 471-3560
Fax: (402) 471-4608
E-mail: info@cio.state.ne.us

Submission of Form

Completed forms must be submitted by the same date biennial budget requests are required to be submitted to the DAS Budget Division. Completed project proposal forms must be submitted via e-mail to info@cio.state.ne.us. The project proposal form should be submitted as an attachment in one of these formats: Microsoft Word; WordPerfect; Adobe PDF; or Rich Text Format. Receipt of the form by the Office of the CIO will be confirmed by e-mail. If an agency is unable to submit the application as described, contact the Office of the CIO prior to the deadline, to make other arrangements for submitting a project proposal form.

Section I: General Information

Project Title	Statewide Public Safety Wireless System Project
Agency (or entity)	CIO on behalf of the Statewide Communications Alliance of Nebraska (SCAN)

Contact Information for this Project:

Name	Steven Schafer, CIO
Address	Executive Bldg., 521 S. 14 th St., Ste. 200
City, State, Zip	Lincoln, NE, 68508 – 2707
Telephone	(402) 471-4385
E-mail Address	slscafe@notes.state.ne.us

**Project Proposal Form
FY2003-05 Biennium**

Section II: Executive Summary

In 2002, the Legislature passed legislation (LB 1211), which permitted creation of “joint entity pursuant to the Interlocal Cooperation Act.” The joint entity would have the power to operate, maintain and manage a statewide seamless wireless communications system pursuant to Section 86-414.

The Governor has appointed members to the Statewide Communications Alliance of Nebraska (SCAN) to carry out the provisions of LB 1211. The SCAN Board recently completed a competitive process for choosing a consultant to assist the Board in its efforts. The scope of services is detailed in Section III, below.

Section 115 of LB 1 (2001 Special Session) appropriated \$1,500,000 to Program 240, Information Technology Projects, which is administered by the Chief Information Officer. The unstated intent for this appropriation is to support the goals for a statewide public safety wireless system. On October 31, 2001, the NITC approved a project plan submitted by the Division of Communications to cover the cost of developing a request for proposal and evaluating responses. Subject to reappropriation and available revenues, \$1,338,471.59 remains out of the original appropriation, which can be used for the wireless project.

Section 86-527 states that no contract or expenditure for the implementation of an enterprise project funded by the Information Technology Infrastructure Fund may be initiated, unless the NITC has approved a project plan.

Section III: Goals, Objectives, and Projected Outcomes

The scope of this project includes the following goals:

PHASE I – Analyze Project Progress to Date, Assess Needs vs. RFP Requirements and Vendor Responses, Revise Specifications to Match Needs, Request Revised Vendor Responses and Assist the SCAN Executive Board in Selecting a Vendor.

1. Review the work that has been done to date on the project, including the plan the RFP, the proposals received and other documents;
2. Provide independent, impartial expert analysis and information to the SCAN Executive Board on the following technical questions:
 - 2.1. Analyze state’s coverage requirements
 - 2.2. Analyze vendors’ coverage requirements
 - 2.3. Determine if an independent coverage analysis is needed
 - 2.4. Evaluate the RFP’s contractual section to determine adequacy
 - 2.5. Evaluate each proposal to determine if the vendors provided sufficient contractual protection to the State
 - 2.6. Define the advantages and disadvantages of P25
 - 2.7. Define the advantages and disadvantages of EDACS/OpenSky
 - 2.8. Provide the advantages and disadvantages of the VHF and 800 MHz frequency bands for trunked public safety radio systems
 - 2.9. Evaluate the use of third party tower/shelter/generator providers vs. third party towers with state provided shelters/generators
 - 2.10. Evaluate the feasibility of using existing systems in the statewide system
 - 2.11. Evaluation of the RFP mobile data requirements
 - 2.12. Evaluate each vendor’s proposal for voice and data use

**Project Proposal Form
FY2003-05 Biennium**

- 2.13. Evaluate the advantages and disadvantages of a statewide phased implementation
- 2.14. Evaluate the near-term use of VoIP devices to provide interoperability
- 2.15. Prepare and present report for tasks 1 and 2
3. Assist the SCAN Executive Board in the formulation of an overall plan and strategy to develop, implement and finance a statewide public safety wireless network;
 - 3.1. Survey & interview prospective users to collect updated information
 - 3.2. Prepare questions or specifications to be submitted to the vendors to obtain a best & final offer (technical and price
 - 3.3. & 3.4 – Develop proposal evaluation criteria and evaluate vendor responses
 - 3.4. Analyze and make recommendations concerning cost-sharing and cost allocation issues
 - 3.5. Provide estimates of asset life for each category of asset to be acquired
 - 3.6. Analyze and make recommendations concerning tower/switch connectivity
 - 3.7. Analyze and make recommendations concerning system operation and maintenance services and regarding user training services.
4. Assist the SCAN Executive Board in the negotiation of a contract with the successful vendor;

PHASE II – Project Implementation and Acceptance Testing

5. Assist the SCAN Executive Board in the assessment of the successful vendor's performance. (Not part of this project plan.)

Section IV: Project Justification / Business Case

Law enforcement, fire, rescue efforts, other emergency response and Homeland Security all require effective wireless communications. When those systems do not work together, life and property are endangered. Through the Statewide Communications Alliance of Nebraska, state and local public safety agencies are striving to achieve a high level of interoperability and coverage. It is essential to achieve these goals, without massive change that would force agencies to abandon their existing investments in separate radio systems.

The complexity of wireless communications, the critical importance of this issue, and the potential magnitude of the project require expert assistance that can provide unbiased analysis and advice.

Section V: Technical Impact

This project plan does not include any expenditure on actual systems. The consultant will be asked to brief the Technical Panel of the NITC in order to assure coordination with other initiatives.

Section VI: Preliminary Plan for Implementation

SCAN Executive Board Selects Consultant February 27, 2003
Contract Signing
Project Start
Deliverable 1 (??)
Deliverable 2 (??)
Etc.

Project Proposal Form
FY2003-05 Biennium

Project completion (??)

Section VII: Risk Assessment

There is a major risk to the state, if nothing is done to address the need for interoperability and widespread coverage for wireless communications systems for public safety agencies.

Project Proposal Form
FY2003-05 Biennium

Section VIII: Financial Analysis and Budget

EXPENSES	FY 2003	FY 2004	Total
Salaries			
Benefits			
Consulting Expenses			\$250,000
Operating Expenses	\$5,000	\$10,000	\$15,000
Travel			
TOTAL	\$X	\$X	\$265,000
SOURCES OF FUNDING			
ITIF	\$X	\$X	\$265,000
TOTALS	\$X	\$X	\$265,000